

We claim:-

1. A process for the production of paper, board and cardboard by draining a paper stock containing interfering substances in the presence of polymers which contain vinylamine units and which have an average molar mass M_w of at least 1 million, wherein a high-consistency stock is first prepared, at least one polymer containing vinylamine units and having an average molar mass M_w of at least 1 million and a degree of hydrolysis of from 1 to 20 mol% is metered into the high-consistency stock, the high-consistency stock is diluted to a low-consistency stock by adding water, and the low-consistency stock is drained.
2. The process according to claim 1, wherein the consistency of the high-consistency stock is more than 2% by weight, based on dry paper stock, and the degree of hydrolysis of the polymers is from 3 to 15 mol%.
3. The process according to claim 1 or 2, wherein the consistency of the high-consistency stock is from 3.0 to 6.0% by weight, based on dry paper stock, and the degree of hydrolysis of the polymers is from 5 to 12 mol%.
4. The process according to any of claims 1 to 3, wherein the consistency of the high-consistency stock is from 3.5 to 4.5% by weight, based on dry paper stock, and wherein the consistency of the low-consistency stock is brought to a concentration below 1.5% by weight, based on dry paper stock.
5. The process according to any of claims 1 to 4, wherein polymers which contain vinylamine units and are obtainable by hydrolysis of homo- and/or copolymers of N-vinylcarboxamides are used.
6. The process according to claim 5, wherein hydrolyzed homopolymers of N-vinylformamide having a degree of hydrolysis of from 1 to 20 mol% are used as polymers containing vinylamine units.
7. The process according to any of claims 1 to 6, wherein at least one retention aid is metered into the low-consistency stock.
8. The process according to any of claims 1 to 7, wherein the amount of the polymers containing vinylamine units and metered into the high-consistency stock is from 0.002 to 0.1% by weight, based on dry paper stock.

9. The use of hydrolyzed homo- or copolymers of N-vinylcarboxamides having a degree of hydrolysis of from 1 to 20 mol% and an average molar mass M_w of at least 1 million in the production of paper, board or cardboard as an additive to a high-consistency stock containing interfering substances, for reducing deposits in the wire part, press section and drying section of paper machines.
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